Œ,	BRONSTEIN,	ROBERTS	&	CUSHMAN, LLP
Wa	iter Street			
	Maccachucatte	02100		

Attorney's	Docket	No.	

Page 1 of 4

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first ignit inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is tell to the invention entitled:

	ACTI	VE MAT	RIX SUBSTRATE, METHOD OF MANUFACTURING THE SAME, AND DISPLAY AND
	I	MAGE-CA	APTURING DEVICES UTILIZING THE SAME
isd	le«—ibe	ed and cl	aimed in:
4	All Property	CX.	the specification attached hereto.
	- E	⊏	the specification in U.S. Application Serial Number, filed on
	off hade with the tells had the	□	the specification in PCT international application Number  filed on; and was amended on

f hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the aminarigh of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign ority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed low and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. 119:				
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. 119?	
2000-49969	February 25, 2000	Japan	☑YES □NO	
2000-321713	October 20, 2000	Japan	⊠YES □NO	
			□YES □NO	

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) signating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this oblication is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I mowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Applications or PCT International Applications Designating the U.S-Benefit Under 35 U.S.C. §120					
	U.S. Application	005	Status (Check One)		
Application	serial No.	U.S. Filing Date	Patented	Pending	Abandoned
PC	T Applications Designa	ating the U.S.			
Application No.	Filing Date	U.S. Serial No. Assigned			
119					
Č)					
SI S					
§b				<del> </del>	

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (35 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) ed below:

Applicant	Provisional Application Number	Filing Date

WER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, seisution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected rewith.

(Reg. No. 34.235) all P. Bronstein (Reg. No. 16,919) Linda M. Buckley (Reg. No. 31,003) David S. Resnick (Reg. No. 27,026) Ronald L Eisenstein (Reg. No. 30,628) Peter F. Corless (Reg. No. 33,860) nd G. Contin (Reg. No. 20,438) rge W. Neuner (Reg. No. 26,964) Henry D. Pahi, Jr. est V. Linek (Reg. No. 29,822) Peter I. Manus (Rez. No. 26,766)

## DIRECT TELEPHONE CALLS TO: D CORRESPONDENCE TO: e, Bronstein, Roberts & Cushman, LLP Water Street (617) 523-3400 ton, Massachusetts 02109 FIRST NAME MIDDLE NAME ULL NAME LAST NAME F INVENTOR Izumi Yoshihiro STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHIP ESIDENCE & CITY TIZENSHIP Kashihara-shi Nara Japan Japan STATE OR COUNTRY AND ZIP CODE CITY POST OFFICE ADDRESS OST OFFICE OST C. CORESS 494-16, Kuzumoto-cho Kashihara-shi Nara 634-0007 Japan FIRST NAME MICOLE NAME F INVENTOR LAST NAME Chikama Yoshimasa STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHIP RESIDENCE TIZENSHIP Soraku-gun Kvoto Japan Japan STATE OR COUNTRY AND ZIP CODE COST OFFICE POST OFFICE ADDRESS 6-2-2-904, Kizugawadai Kvoto 619-0225 Japan Soraku-gun Kizu-cho MIDDLE NAME FIRST NAME FULL NAME LAST NAME OF INVENTOR COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY RESIDENCE & CITY CITIZENSHIP STATE OR COUNTRY AND ZIP CODE POST OFFICE POST OFFICE ADDRESS ď ADORESS MIDDLE NAME FIRST NAME FULL NAME OF INVENTOR LAST NAME COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY RESIDENCE & CITIZENSHIP STATE OR COUNTRY AND ZIP CODE POST OFFICE ADDRESS CITY POST OFFICE ADDRESS

ULL NAME FINVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
ESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
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TILL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE &	GTY .	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
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FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
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FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY CITY	STATE OR COUNTRY AND ZIP CODE

I hereby further deciare that all statements made herein of my own knowledge are true and that all statements made on mation and belief are believed to be true; and further, that these statements were made with the knowledge that willful false ments and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United as Code, and that such willful false statements may jeopardize the validity of the application or any parent issued thereon.

gnature of inventor 201	Signature of Inventor 202
yoshihino Izumi	Yoshimasa Chikama
ate:	Date:
January 6, 2001	January 6, 2001